

Vermont Mental Health Performance Indicator Project

DDMHS, Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601 (802-241-2638)

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani
Monica Simon

DATE: November 2, 2001

RE: Inpatient Services to Adults with Borderline Personality Disorder

Over the past few weeks we have received a number of requests for information about services to people with a diagnosis of Borderline Personality Disorder (301.83). The attached pages provide an overview of inpatient service utilization by Vermont residents in this diagnostic group during the 1990s. Service utilization is examined in terms of episodes of inpatient care, patient days, and the unduplicated number of people hospitalized in general and Veterans hospitals for each year, 1990 through 1999. This utilization is also compared to the total volume of inpatient behavioral health care during this period.

Results are based on analysis of a database that contains information on all episodes of behavioral health care in general hospitals and Veterans' hospitals in Vermont, New Hampshire, and neighboring counties of Massachusetts and New York. Analysis does not include the Vermont State Hospital or the Brattleboro Retreat. These data are from the Hospital Discharge Data Set maintained by the Vermont Department of Health. Because the data sets used in this analysis do not share unique person identifiers, Probabilistic Population Estimation was used to derive unduplicated counts of people served across facilities.

As you will see, there has been a substantial increase in the amount of inpatient care to Vermont residents with Borderline Personality Disorder during 1990 through 1999 in terms of episodes of care, patient days, and the unduplicated number of people hospitalized. During this same period, the total number of episodes for behavioral health care also increased, but much more slowly, the number of patient days decreased, and the unduplicated number of people served remained fairly constant.

At the end of this period, women with a diagnosis of Borderline Personality Disorder accounted for 25% of all episodes of inpatient behavioral health care for women, 22% of all women hospitalized for behavioral health care, and 21% of all women's patient days for behavioral health care. At the beginning of this period, women with Borderline Personality Disorder accounted for only 7% of all female behavioral health care for all three measures.

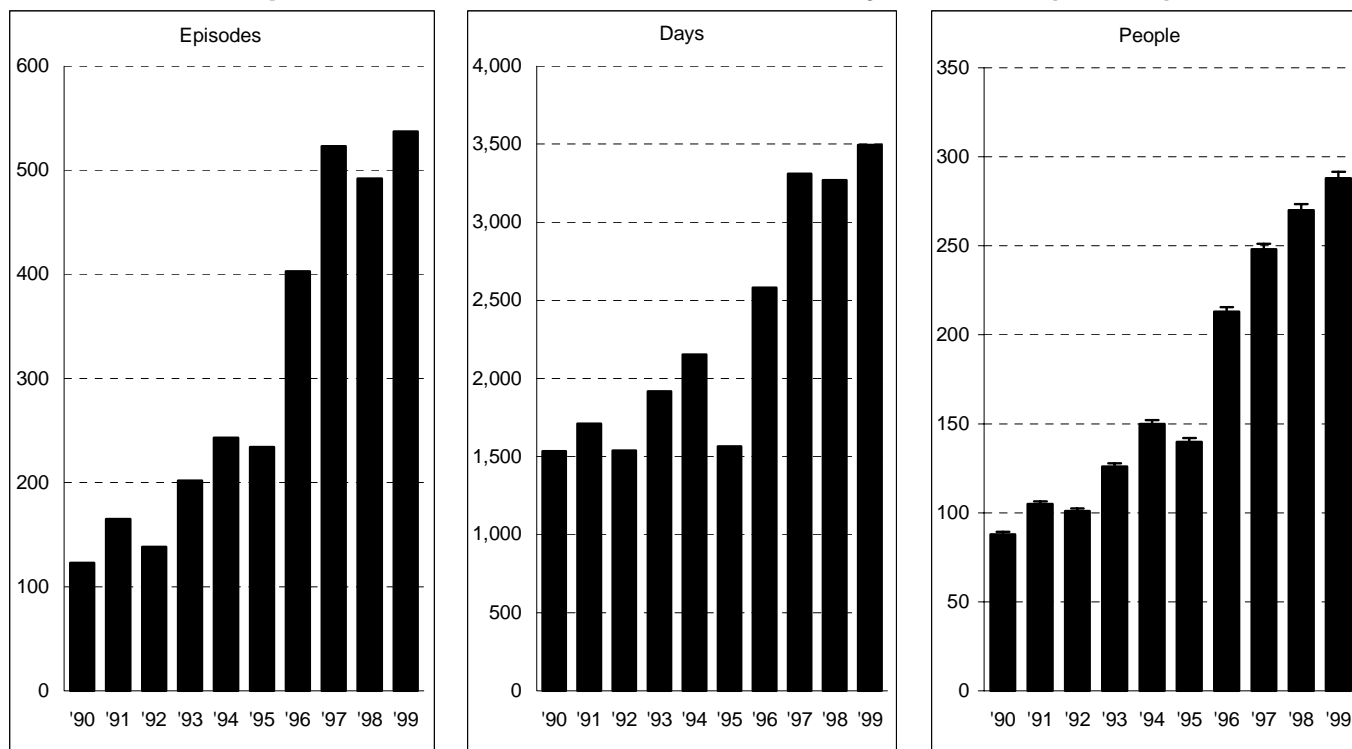
We look forward to more questions that can be answered using this very rich source of information about inpatient behavioral health care services provided to Vermont residents during the 1990s. Please send your questions to jpandiani@ddmhs.state.vt.us or call 802-241-2638.

INPATIENT BEHAVIORAL HEALTH CARE SERVICES

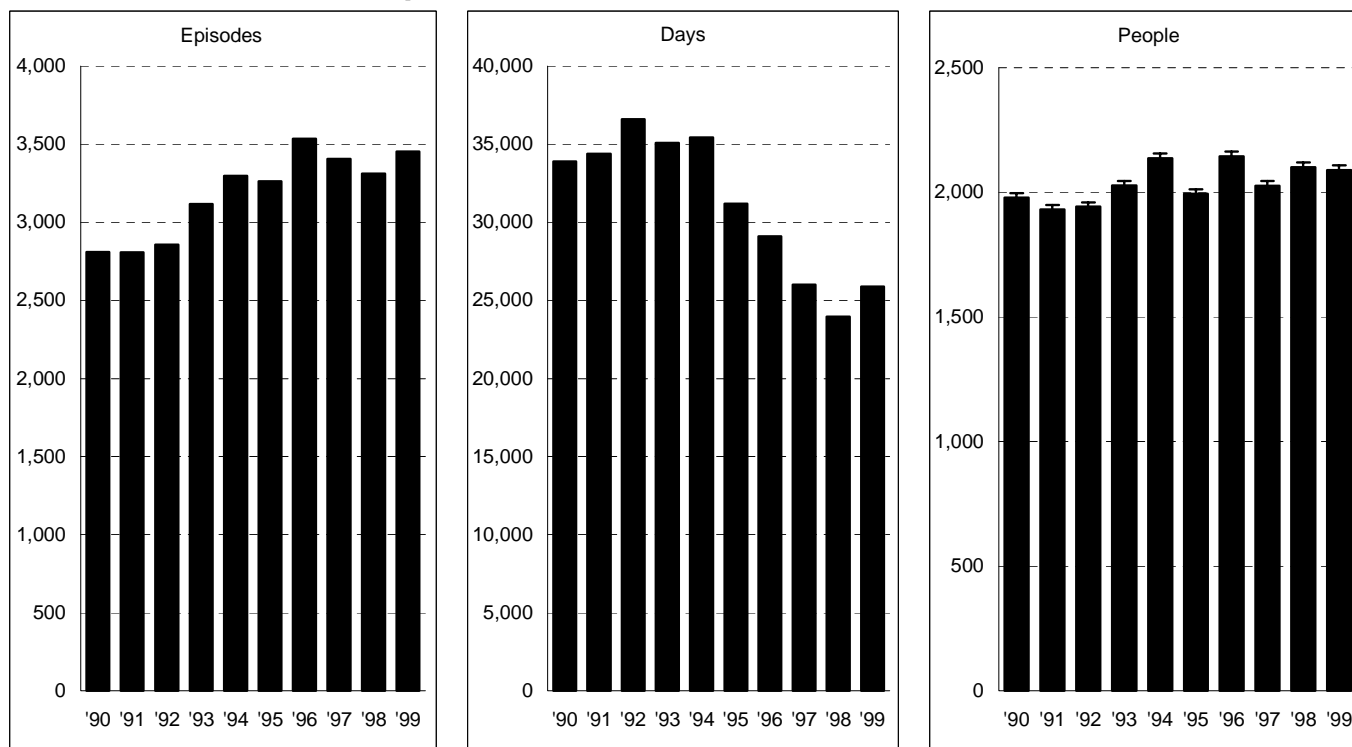
Vermont Residents Hospitalized in General and Veterans Hospitals

in Vermont and Neighboring States: 1990 - 1999

Hospitalization for Borderline Personality Disorder (301.83)



All Inpatient Behavioral Health Care Services



INPATIENT BEHAVIORAL HEALTH CARE SERVICES
Total and Borderline Personality Disorder (301.83)
Vermont Residents Hospitalized in General and Veterans Hospitals
in Vermont and Neighboring States: 1990 - 1991

All Patients										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Episodes										
Total Number	2,809	2,807	2,858	3,118	3,297	3,264	3,535	3,406	3,312	3,454
Borderline Personality	123	165	138	202	243	234	403	523	492	537
Percent of Total	4%	6%	5%	6%	7%	7%	11%	15%	15%	16%
Days										
Total Number	33,885	34,385	36,601	35,088	35,419	31,192	29,094	26,012	23,952	25,869
Borderline Personality	1,533	1,711	1,537	1,918	2,153	1,564	2,581	3,310	3,270	3,495
Percent of Total	5%	5%	4%	5%	6%	5%	9%	13%	14%	14%
People										
Total Number	1,979	1,931	1,942	2,028	2,136	1,993	2,144	2,026	2,100	2,088
Borderline Personality	88	105	101	126	150	140	213	248	270	288
Percent of Total	4%	5%	5%	6%	7%	7%	10%	12%	13%	14%

Female Patients										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Episodes										
Total Number	1,553	1,532	1,552	1,729	1,863	1,862	1,969	1,948	1,742	1,868
Borderline Personality	102	124	108	178	221	204	353	473	443	464
Percent of Total	7%	8%	7%	10%	12%	11%	18%	24%	25%	25%
Days										
Total Number	20,166	19,140	19,254	20,150	19,926	17,364	16,018	14,918	13,206	14,900
Borderline Personality	1,382	1,349	1,247	1,724	1,940	1,352	2,249	3,018	2,910	3,076
Percent of Total	7%	7%	6%	9%	10%	8%	14%	20%	22%	21%
People										
Total Number	1,068	1,020	1,074	1,106	1,183	1,100	1,158	1,108	1,103	1,117
Borderline Personality	77	90	82	104	129	122	171	213	220	242
Percent of Total	7%	9%	8%	9%	11%	11%	15%	19%	20%	22%